LNF & IHCIF Calculations Illustration

- TUNICA BILOX in Nashville area -

Given Data

- 238 = 1998 user count
- $2,980 = National average cost per person (not including wrap-around costs)
- 90% = % Expenditures on purchased services, 10% = % expenditures in-house
- 92.6% = Cost index for purchasing health care in this geographic area
- 135.7% = Size cost index for in-house costs due to small or large size
- 95.9% = Nashville area cost index for health status above or below average

Cost Adjustment Calculations

- $2,484 per person for purchased services = 90% * 92.6% * $2,980
- $404 per person for in-house services = 10% * 135.7% * $2,980
- $2,888 per person total = $2,484 (purchase) + $404 (in-house)
- **$2,770 per person total** adjusted for health status = $2,888 * 95.9%
- **$2,025 per person net cost** = $2,770 - $745 Other resources (M&M&PI)

Existing Expenditures (for 238 users excluding wrap-around and collections)

- $1,871 per person = local IHS allowance (excludes $ for wrap-around)
- $154 per person = expenditures elsewhere in Nashville area on behalf of area users
- $54 per person = expenditures elsewhere in IHS on behalf of IHS users
- **$2,079 per person for OU users** = $1,871 + $154 + $54

LNF Calculation

- **75.0% Gross LNF** = $2,079 (expenditures) / $2,770 total cost (ignoring Medicare, Medicaid, PI spending on behalf of OU users)
- **102.7% Net LNF** = $2,079 / $2,025 net cost ($2,770 - $745 other)

IHCIF Allocation

- $0 = $ to raise LNF% from 102.7% to 60%
- $258,040,100 = aggregate $ to raise all locations to 60%
- 3.488% IHCIF fraction = $9,000,000 fund / $258,040,100 needed
- **$0 Allocation** = $0 needed for 60% * 3.488% IHCIF fraction

TUNICA BILOX Unmet Needs

- **$482,061 Net Total Need** = 238 users * $2,025 net cost
- **$0 Net Unmet Need** = (100% - 102.7% LNF) * 238 users * $2,025 net cost